Receipt

OIPE	•				
	•				
		PTO/SB/21 (modified)			
	Approved for u	se through xx/xx/xx, OMB 0651-0031 J.S. DEPARTMENT OF COMMERCE			
0004/PTO U.S. Department of Commerce					
Rev. 1005 Patent and Trademark Office	Application Number	09/894,224			
	Filing Date	June 27, 2001			
TRANSMITTAL FORM	First Named Inventor	Kannan P. Vairavan			
(to be used for all correspondence during pendency of filed application)	Group Art Unit Number	2182			
	Examiner Name	Unknown			
Total Number of Pages in This Submission 7*	Attorney Docket Number	22575-05683 RECEIVED			
ENCLOSURES	(check all that apply	JAN 0 8 2002			
Fee Transmittal Form (in duplicate)	Issue Fee Trans				
Check Enclosed	Letter to Chief D	Tachnology Lientel & IV			
Return Receipt Postcard	Formal Drawing(·			
Response to Notice to File Missing Parts	[] Sheet(s	s) of Figure(s) []			
Assignment & Recordation Cover Sheet Appeal Communication to Board of Appeals and					
Declaration	. Interferences				
Power of Attorney	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
Application Data Sheet Information Disclosure Statement & PTO-1449	1 ' ''	f Priority Document(s)			
Copies of IDS Cited References	<u> </u>	Communication to Group			
Request for Corrected Filing Receipt					
Request for Correction of Recorded Assignment					
Amendment/Response: [] Page(s)					
After Final					
Status Request					
Revocation and Substitute Power of Attorney					
REMARKS: *excluding postcard					
OLOMATURE OF	ATTORNEY OR ACE	AIT			
DA AAAA	ATTORNEY OR AGE	101			
Signature: What I for	X				
Attorney/Reg. No.: Michael V. North / 46,963		Dated:			
	ATE OF MAILING				
I hereby certify that this correspondence, including the enclosures first class mail in an envelope addressed to: Commissioner for Pa Mail Mailing Number is filled in below, then this correspondence is Office to Addressee	tents, Washington, D.C. 20231	on the date shown below. If the Express			
Signature: Wilh Work					
Typed or Printed Name: Michael V. North		Dated: Nov. 1, 2001			

Express Mail Mailing Number (optional):



IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT:

Kannan P. Vairavan

APPLICATION NO.:

09/894,224

FILING DATE:

June 27, 2001

TITLE:

Integrated Intelligent Inter/Intra Networking Device

EXAMINER:

Unknown

GROUP ART UNIT:

2182

ATTY. DKT. NO.:

22575-05683

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231, on the date shown below:

Dated: Nov. /

Michael V. North, Reg

COMMISSIONER FOR PATENTS OFFICE OF INITIAL PATENT EXAMINATION CUSTOMER SERVICE CENTER WASHINGTON, DC. 20231

REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Enclosed is a copy of the Official Filing Receipt. It contains the following error:

1. The applicant's first name is erroneously stated as Kennan. The correct spelling of applicant's first name is Kannan, as evidenced by the first page of the patent specification, a copy of which is enclosed.

Please issue a corrected Filing Receipt rectifying this error.

Dated: Dated:

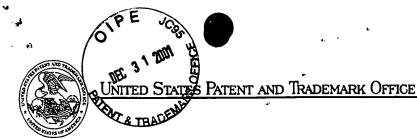
Respectfully submitted, KANNAN P. VAIRAVAN

By:

Michael V. North, Reg. No.: 46,963

Fenwick & West LLP Two Palo Alto Square Palo Alto, CA 94306 Tel.: (650) 858-7688

Fax: (650) 494-1417



COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/894,224	06/27/2001	2182	607	22575- 05683	11	48	2 /

CONFIRMATION NO. 4827

00758 **FENWICK & WEST LLP** TWO PALO ALTO SQUARE PALO ALTO, CA 94306

RECEIVED

FILING RECEIPT *OC000000006442840*

AUG 2 3 2001

FENWICK & WEST LLP

Date Mailed: 08/17/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate) JAN 0 8 2002
Technology

Applicant(s)

Kennan P. Vairavan, Cupertino, CA;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/258,156 12/21/2000

Foreign Applications

If Required, Foreign Filing License Granted 08/17/2001

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

SMALL ENTITY **

Title

Integrated intelligent inter/intra networking device

Preliminary Class

713

Data entry by : MA, WEI-WEN

Team: OIPE

Date: 08/17/2001



GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

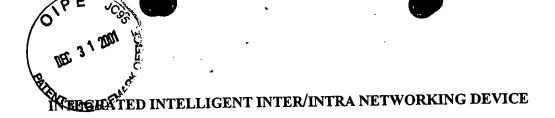
No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231



INVENTORS

5

10

15

20

[0001] Kannan P. Vairavan

CROSS-REFERENCE TO RELATED APPLICATIONS

[0002] This application claims priority from provisional U.S. Patent Application Serial No. 60/258,156, "Integrated Intelligent Inter-Intra (ICUBE) Network Box," by Kannan P. Vairavan, filed December 21, 2000. The subject matter of which is herein incorporated by reference in its entirety.

BACKGROUND

A. Technical Field

[0003] The present invention relates generally to the field of enterprise networking and more particularly to the field of inter/intra-networking interfacing between various types of networks such as copper-based, optical, and wireless.

B. Background of the Invention

[0004] The continual improvement of technology within the networking industry is well known in the art. The industry is constantly trying to expand on current networking technology as well as develop alternative technology with corresponding advantages over more traditional networking technology. In response, protocols and standards are created and updated in order to ensure that both a compatibility and performance levels are maintained within the industry. Within this environment, it is difficult to maintain an up-to-date, diverse networking enterprise.



United States Patent and Trademark Office



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE Washington, D.C. 20231 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4827

APPLICANTS Kannan P. Vairavan, Cupertino, CA; ** CONTINUING DATA **********************************	ATTORNEY DOCKET NO. 22575-05683								
** CONTINUING DATA **********************************									
THIS APPLN CLAIMS BENEFIT OF 60/258,156 12/21/2000 ** FOREIGN APPLICATIONS ************************************									
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/17/2001 Foreign Priority claimed									
** 08/17/2001 Foreign Priority claimed									
STATE OR SHEETS TOTAL INDEPENT									
35 USC 119 (a-d) conditions ves no Met after COUNTRY DRAWING CLAIMS CLAIMS	DENIDENT								
	CLAIMS								
Verified and CA T1 48 2 Acknowledged Examiner's Signature Initials									
ADDRESS 00758									
TITLE									
Integrated intelligent inter/intra networking device									
☐ All Fees	☐ All Fees								
1.16 Fees (Filing)	1.16 Fees (Filing)								
RECEIVED No to charge/credit DEPOSIT ACCOUNT time)	☐ 1.17 Fees (Processing Ext. of time)								
607 No for following: 1.18 Fees (Issue)	☐ 1.18 Fees (Issue)								
☐ Other	Other								
☐ Credit	☐ Credit								